

Standard Extraction Method
PRIOR ART

Dry lipids under nitrogen
⇓

Sonicate in buffer to form micelles
Add reaction mixture
⇓

Stop Reaction
⇓

Extract lipids in chloroform/methanol
to induce two phases
⇓

Spin down
⇓

Remove upper (water) phase
⇓

To lower phase add
artificial upper phase
⇓

Spin down
⇓

Remove lower (lipid) phase
into fresh tubes
⇓

Count or run TLC

Present Invention

Spot liquids on the membrane directly
from chloroform/methanol solution
⇓

Add reaction mixture
(enzyme + ^{32}P -ATP)
⇓

Stop reaction
⇓

Wash membranes
⇓

Phosphoimage analysis or
radioactivity counting

FIG. 1

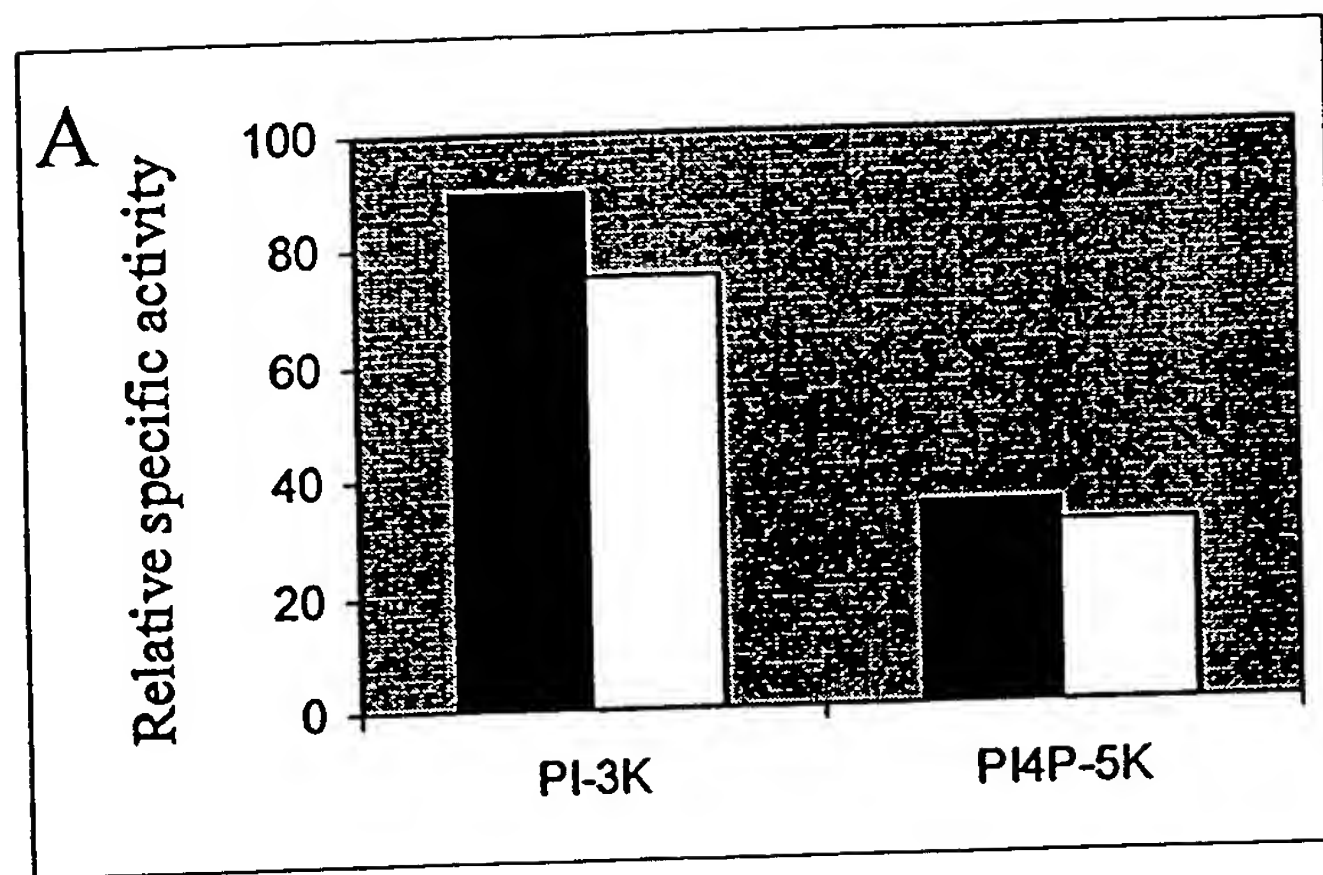


FIG. 2A

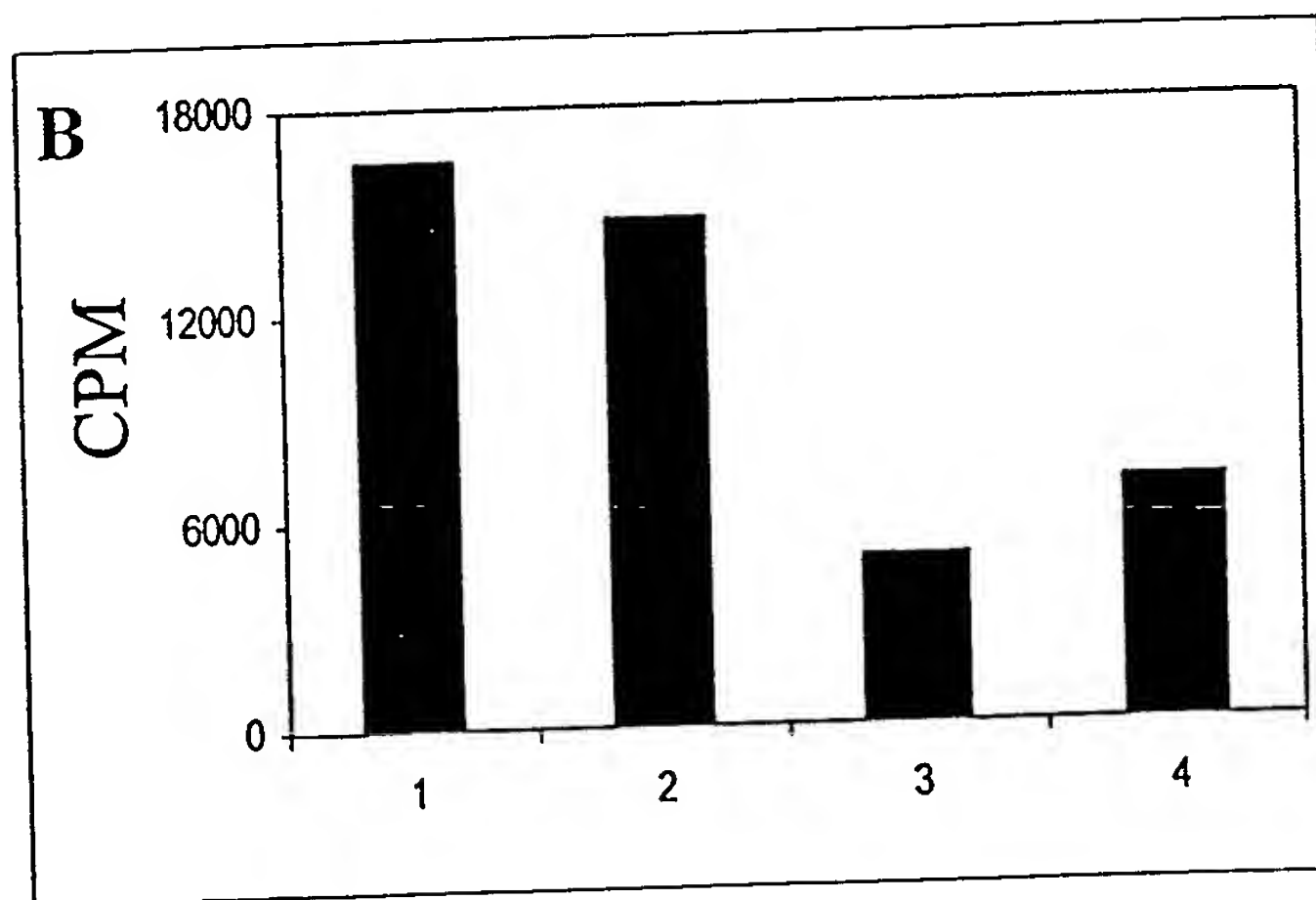


FIG. 2B

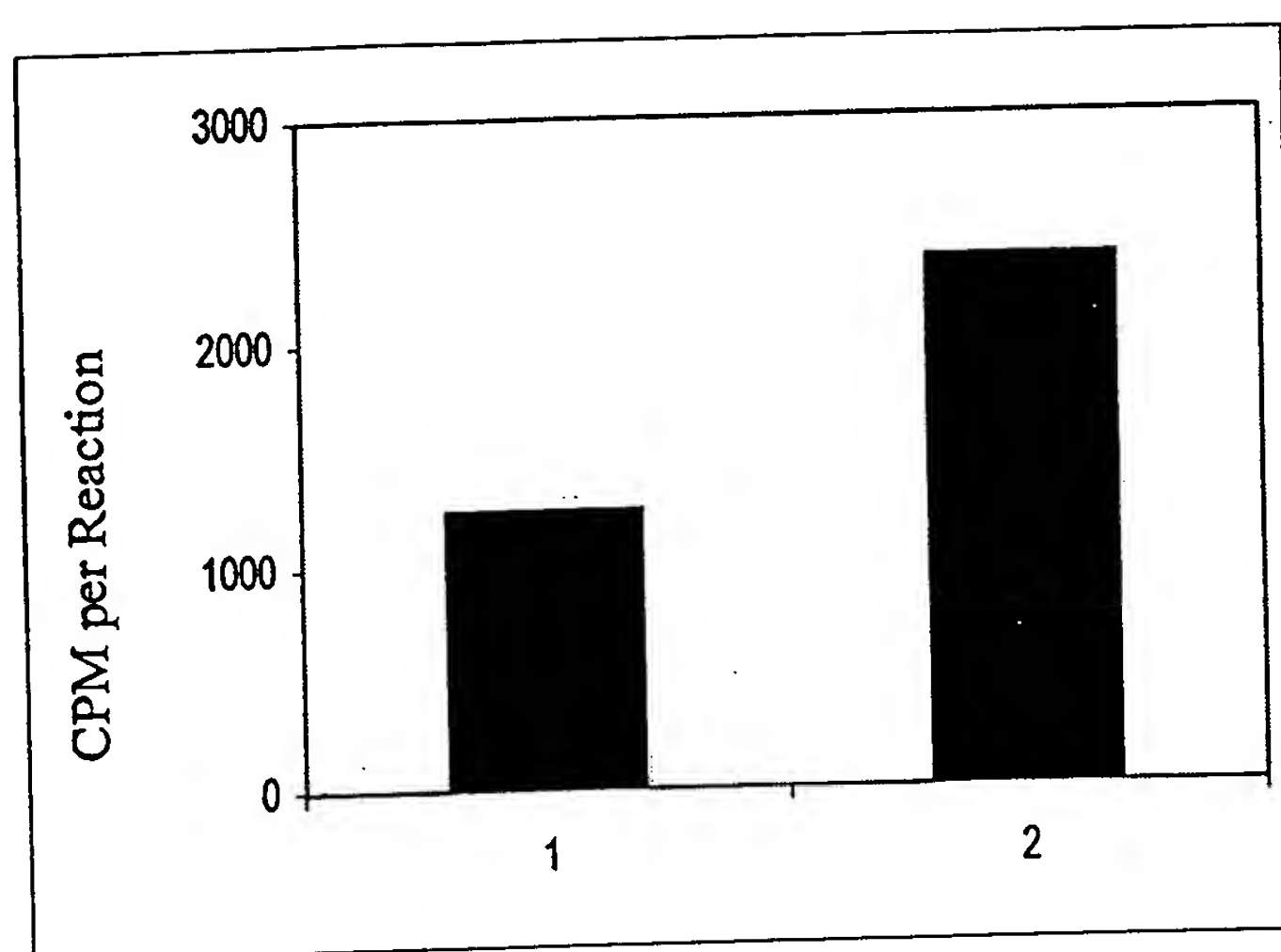


FIG. 3

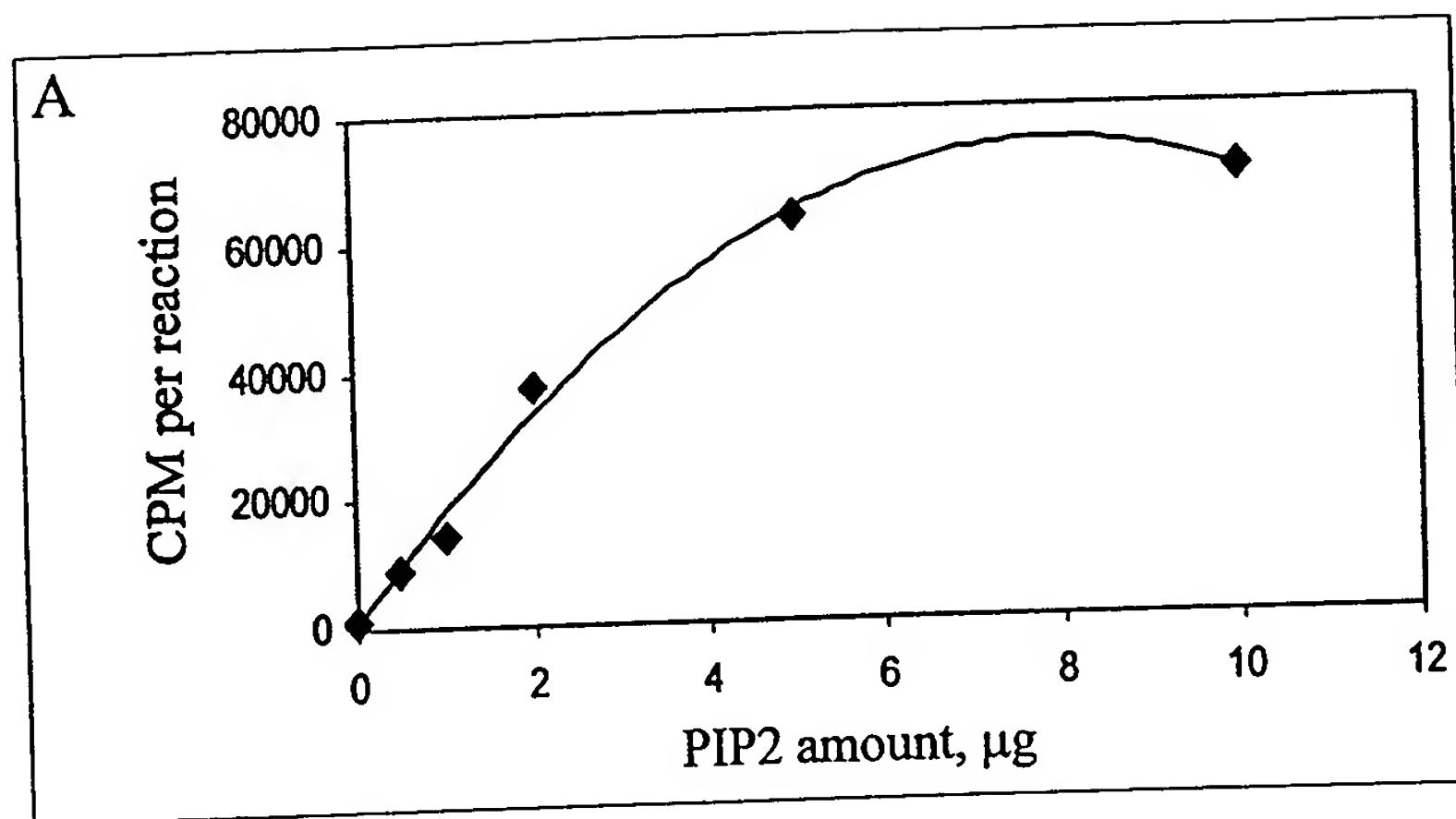


FIG. 4A

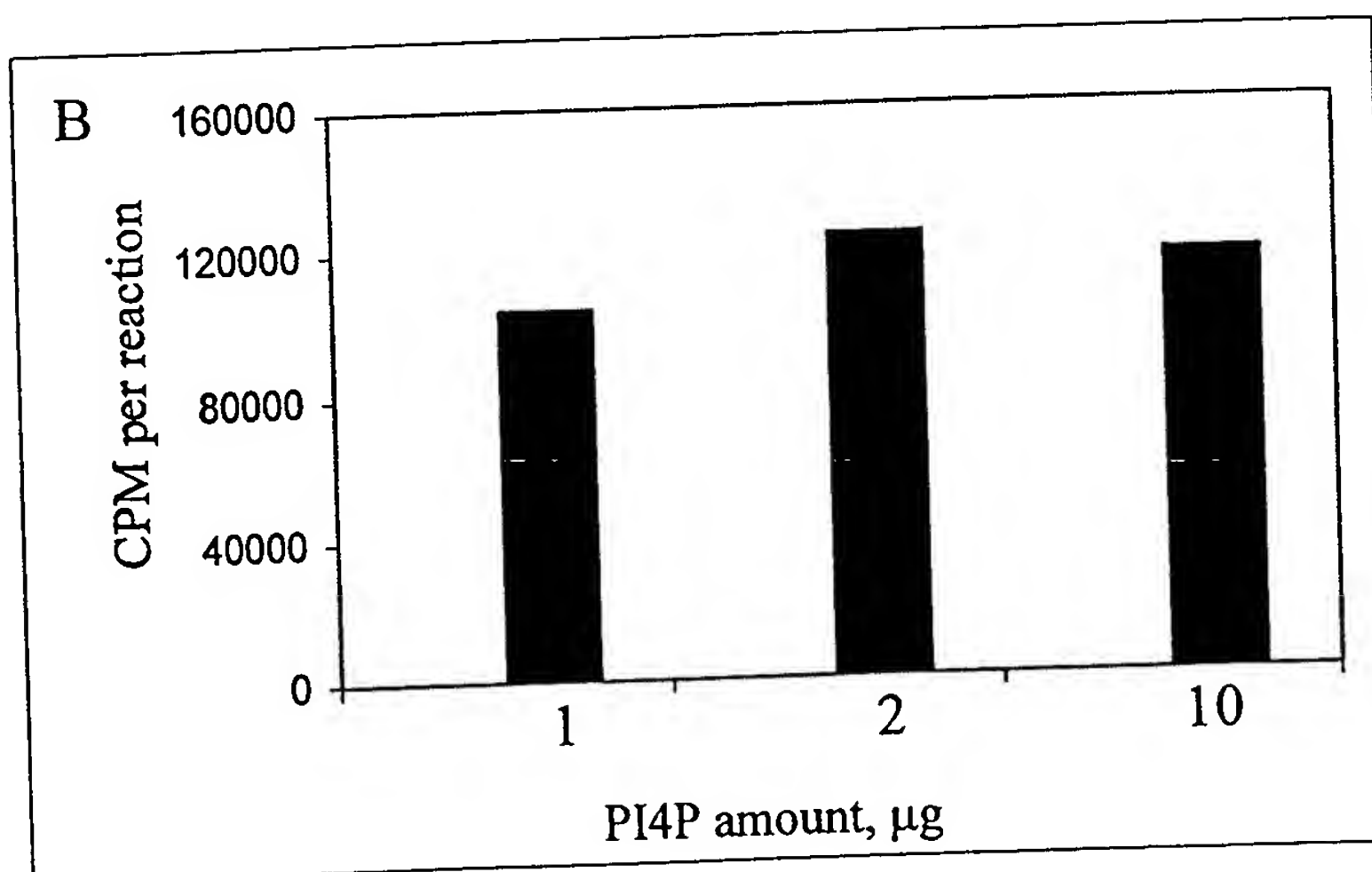


FIG. 4B

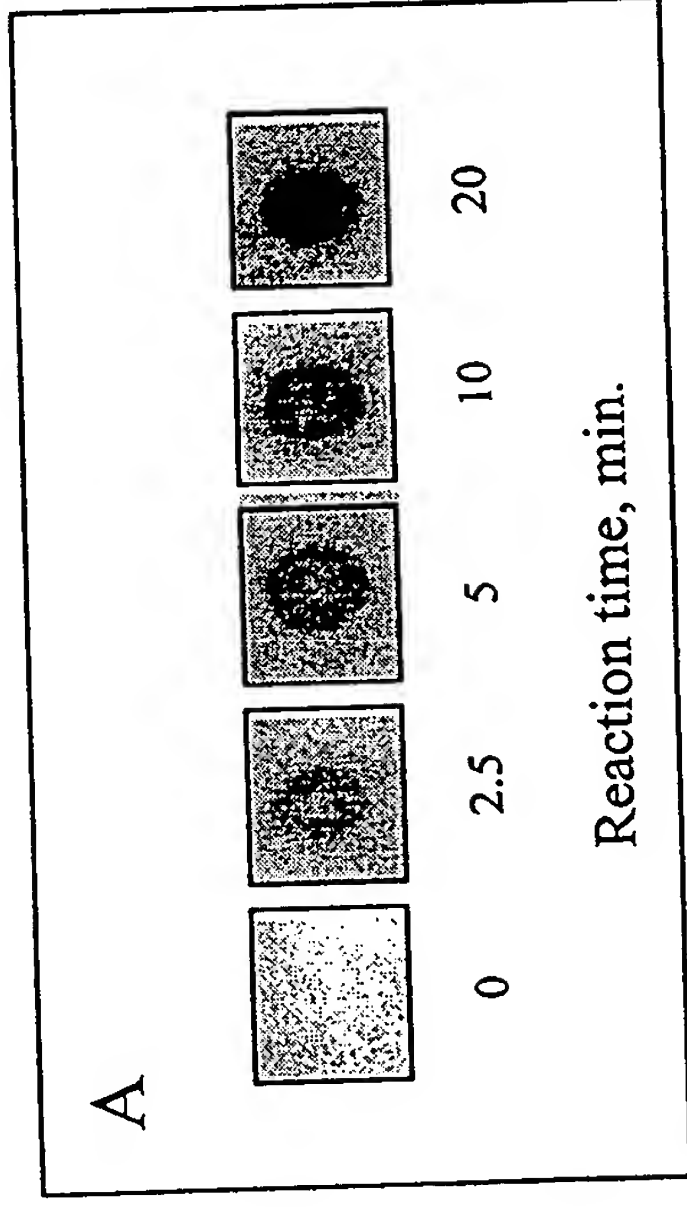


FIG. 5A

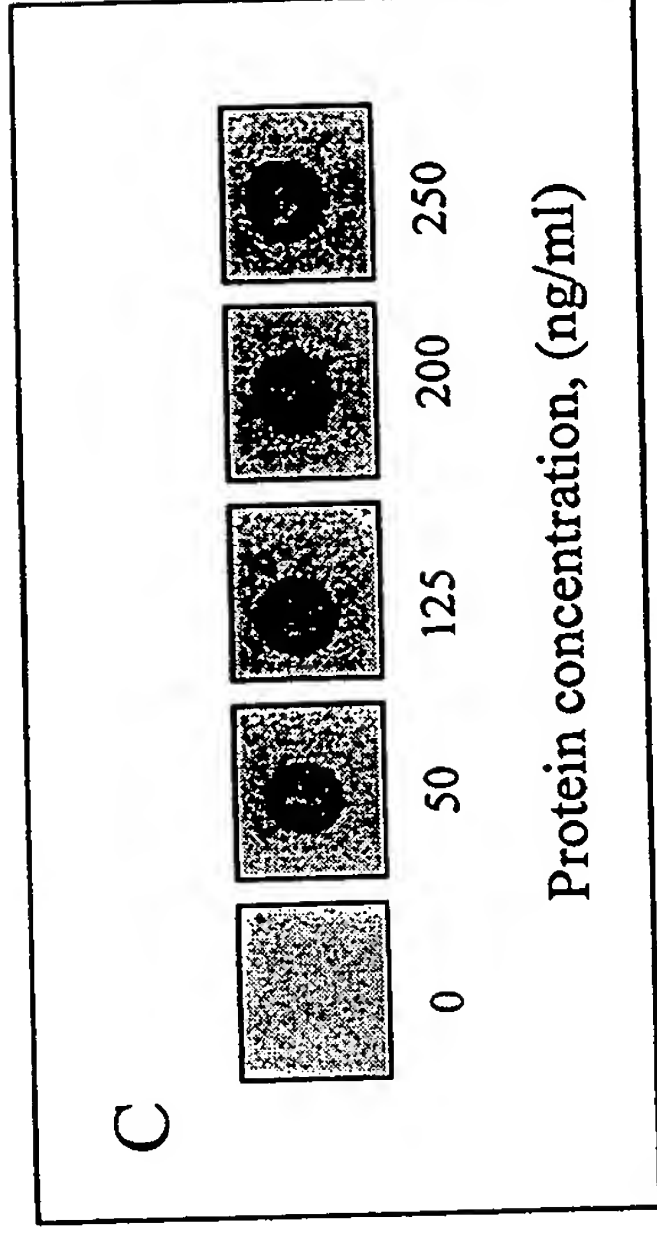


FIG. 5C

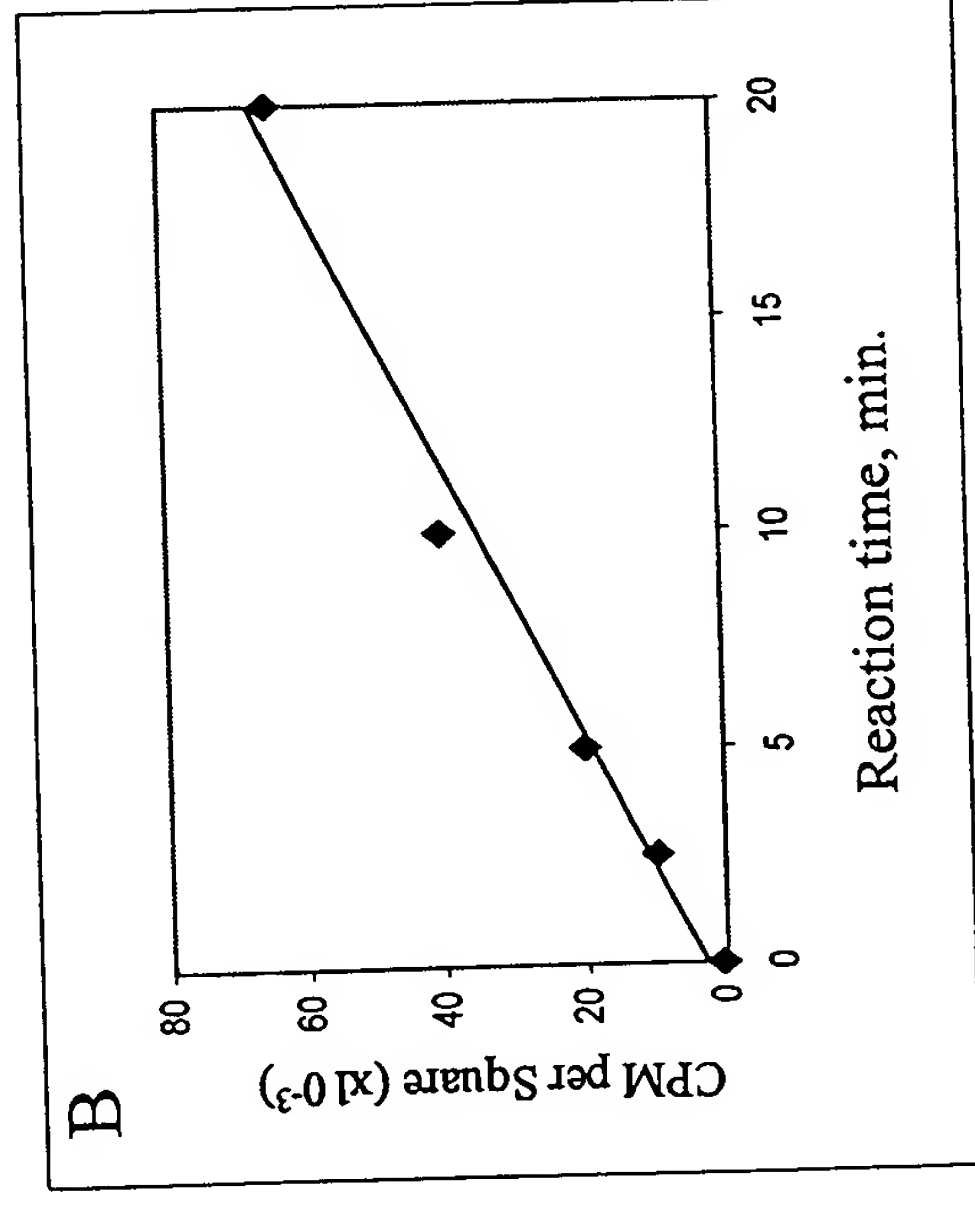


FIG. 5B

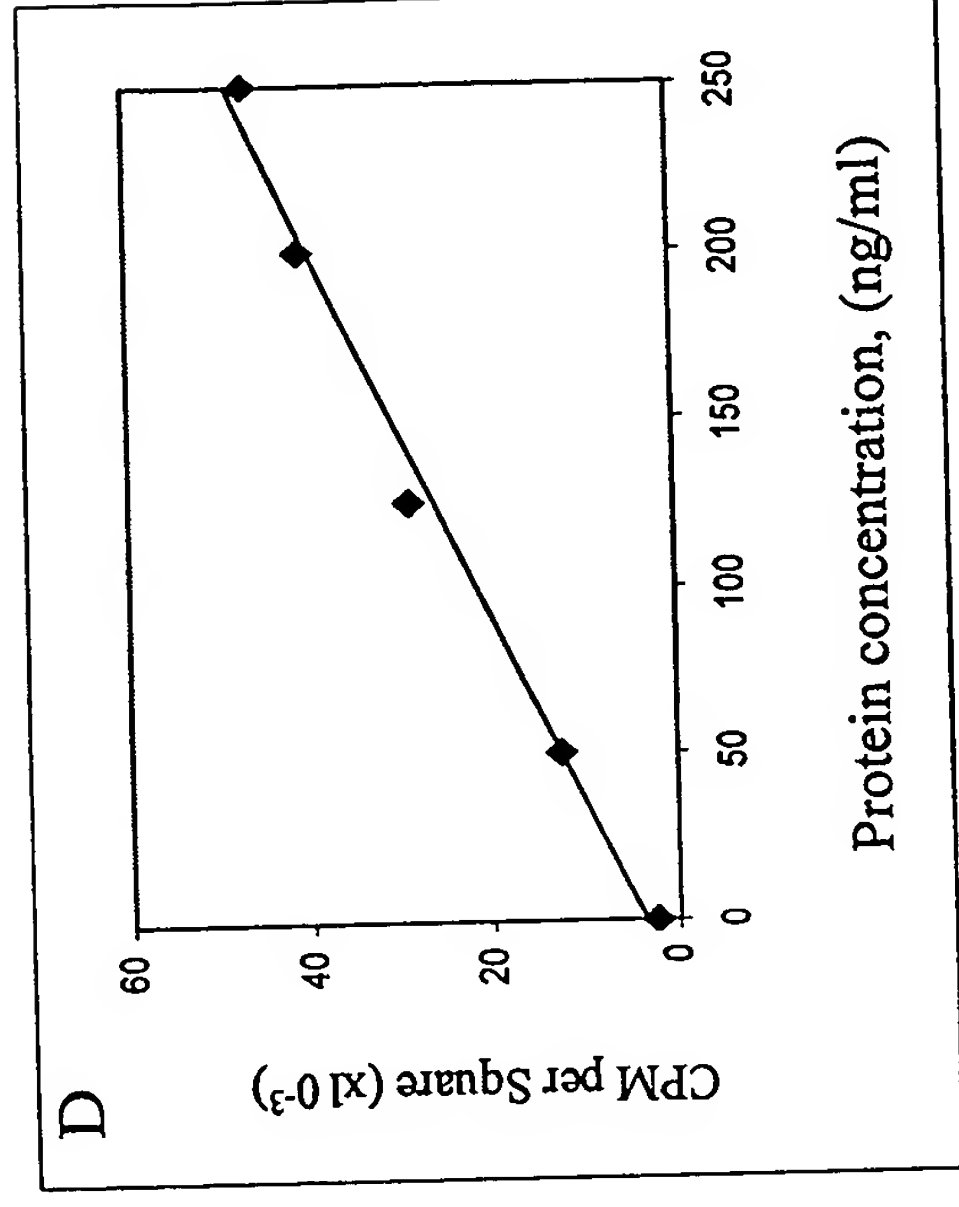


FIG. 5D

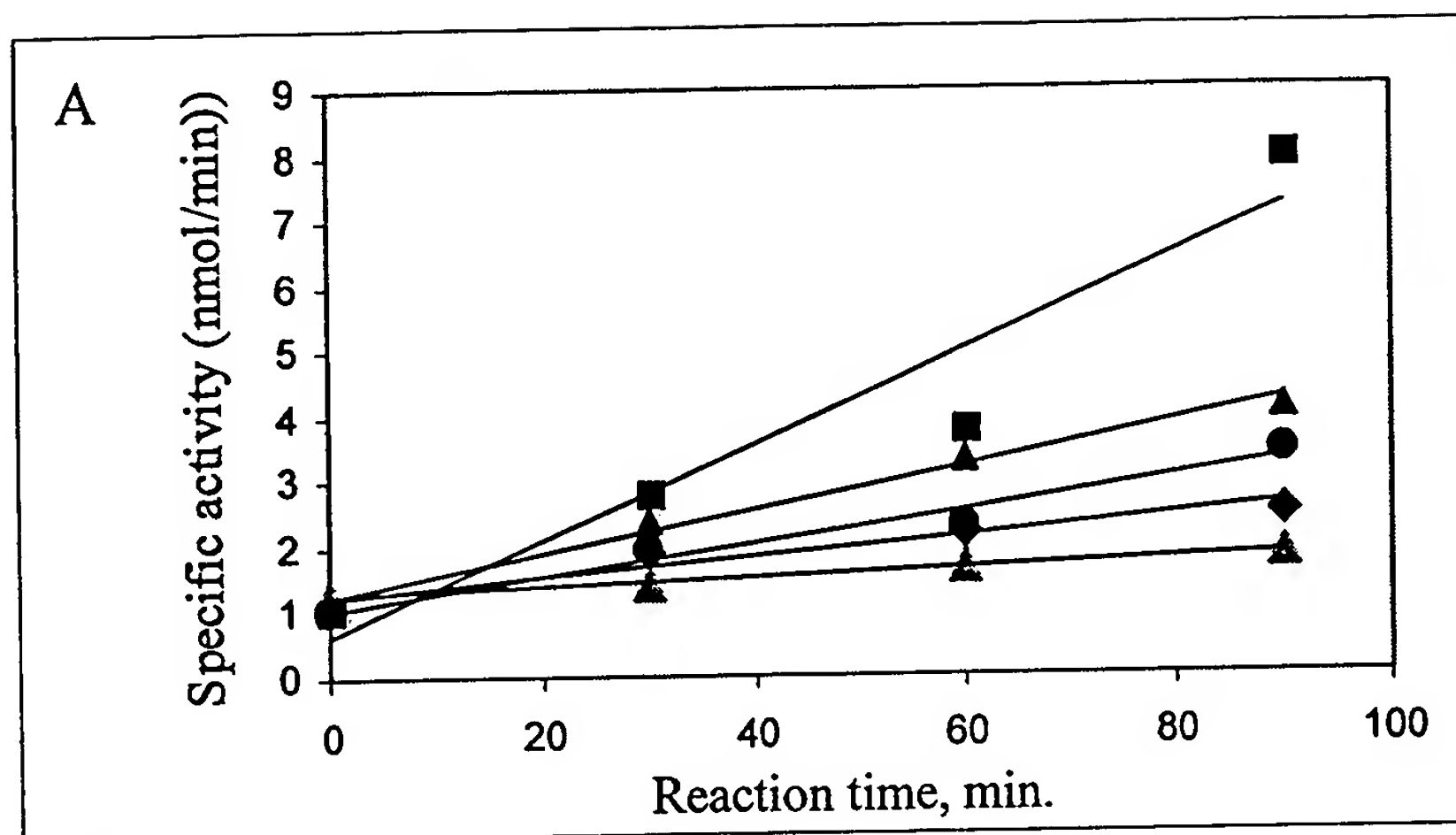


FIG. 6A

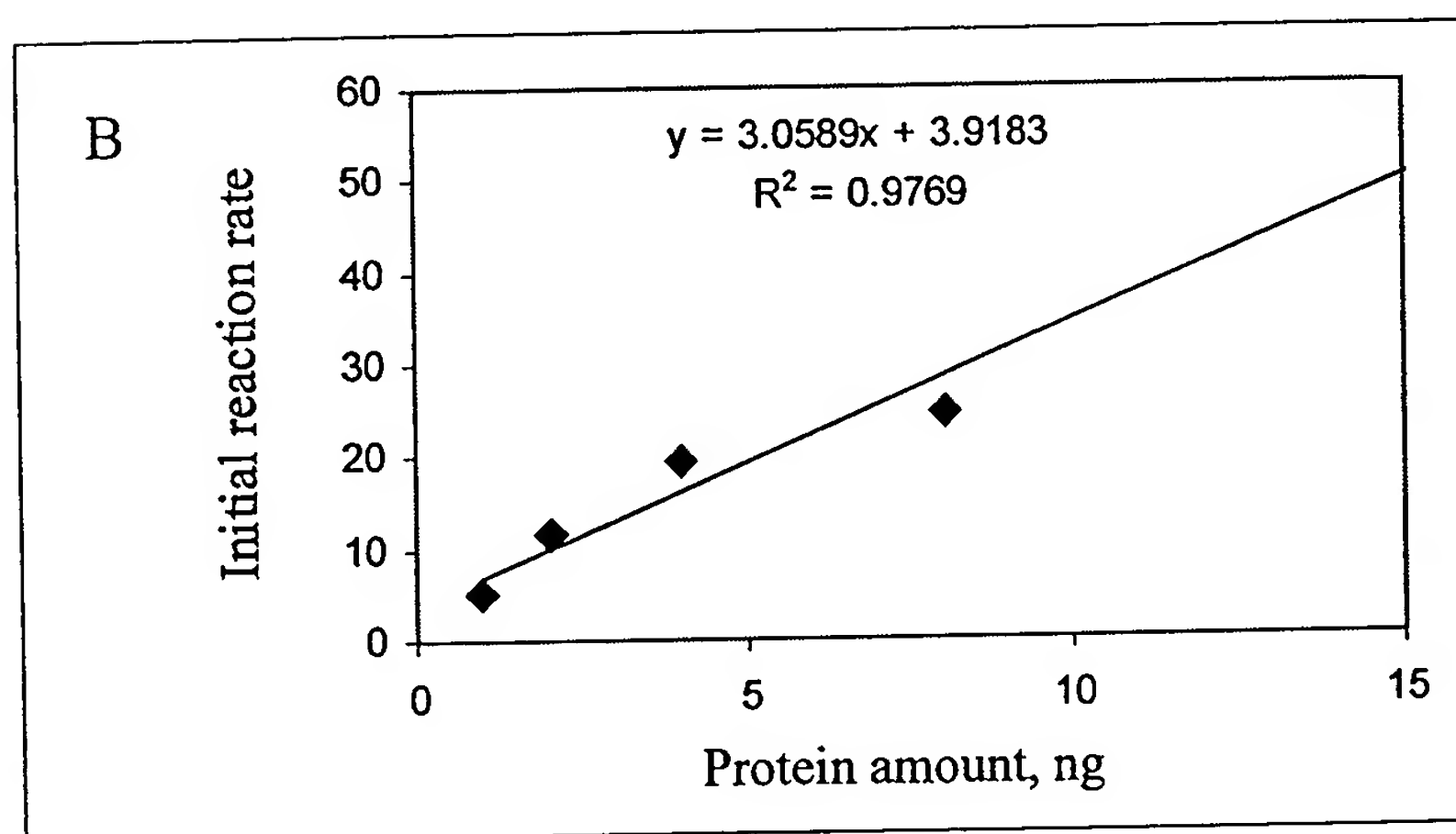


FIG. 6B

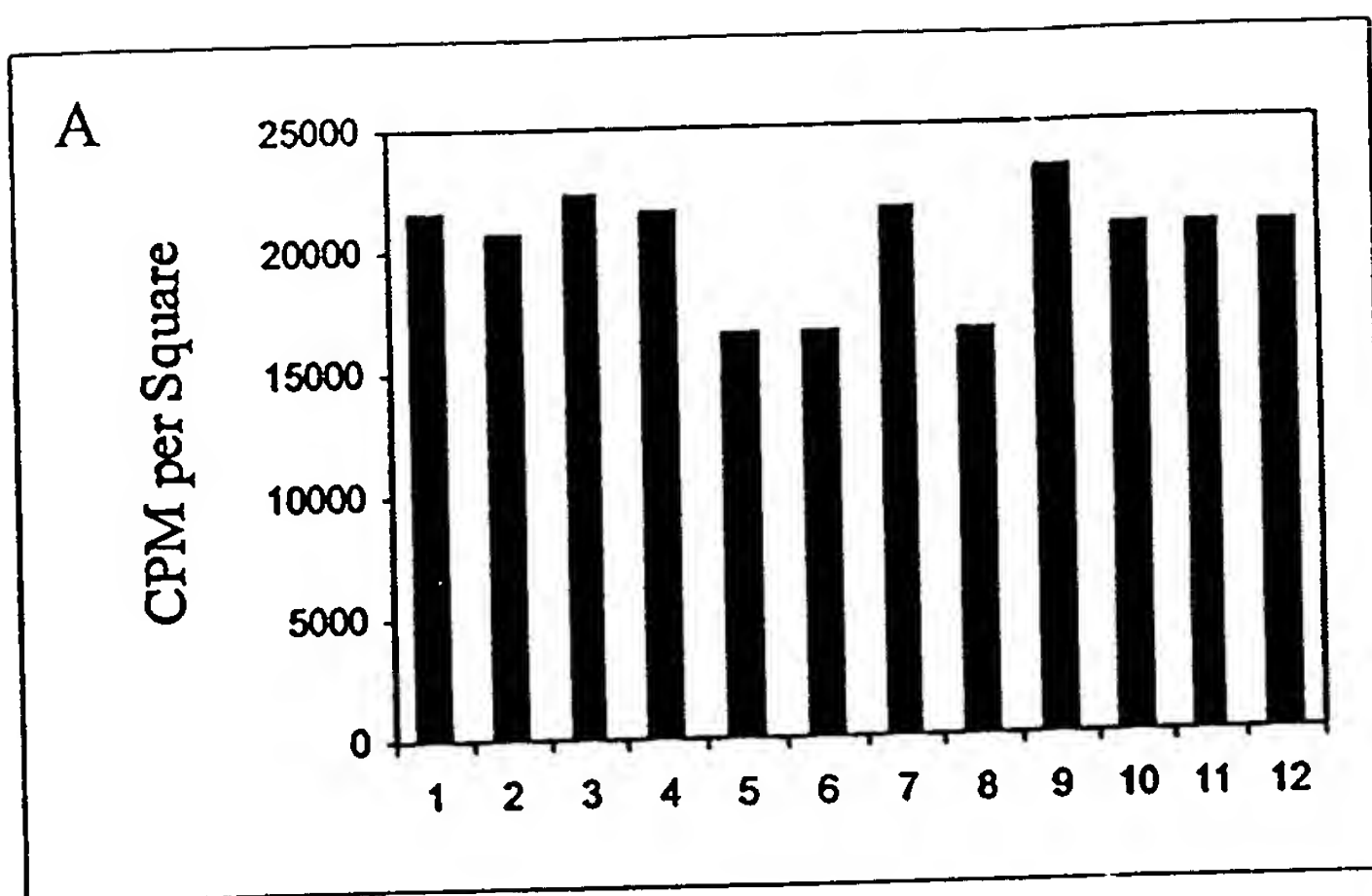


FIG. 7A

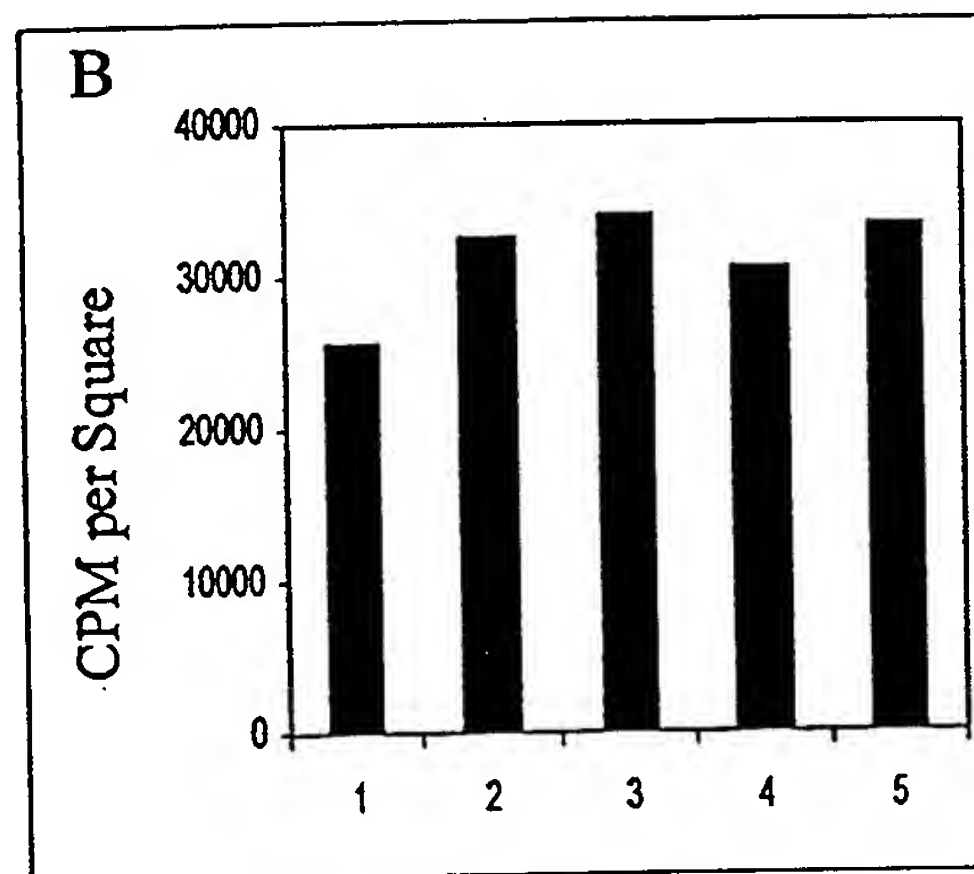


FIG. 7B

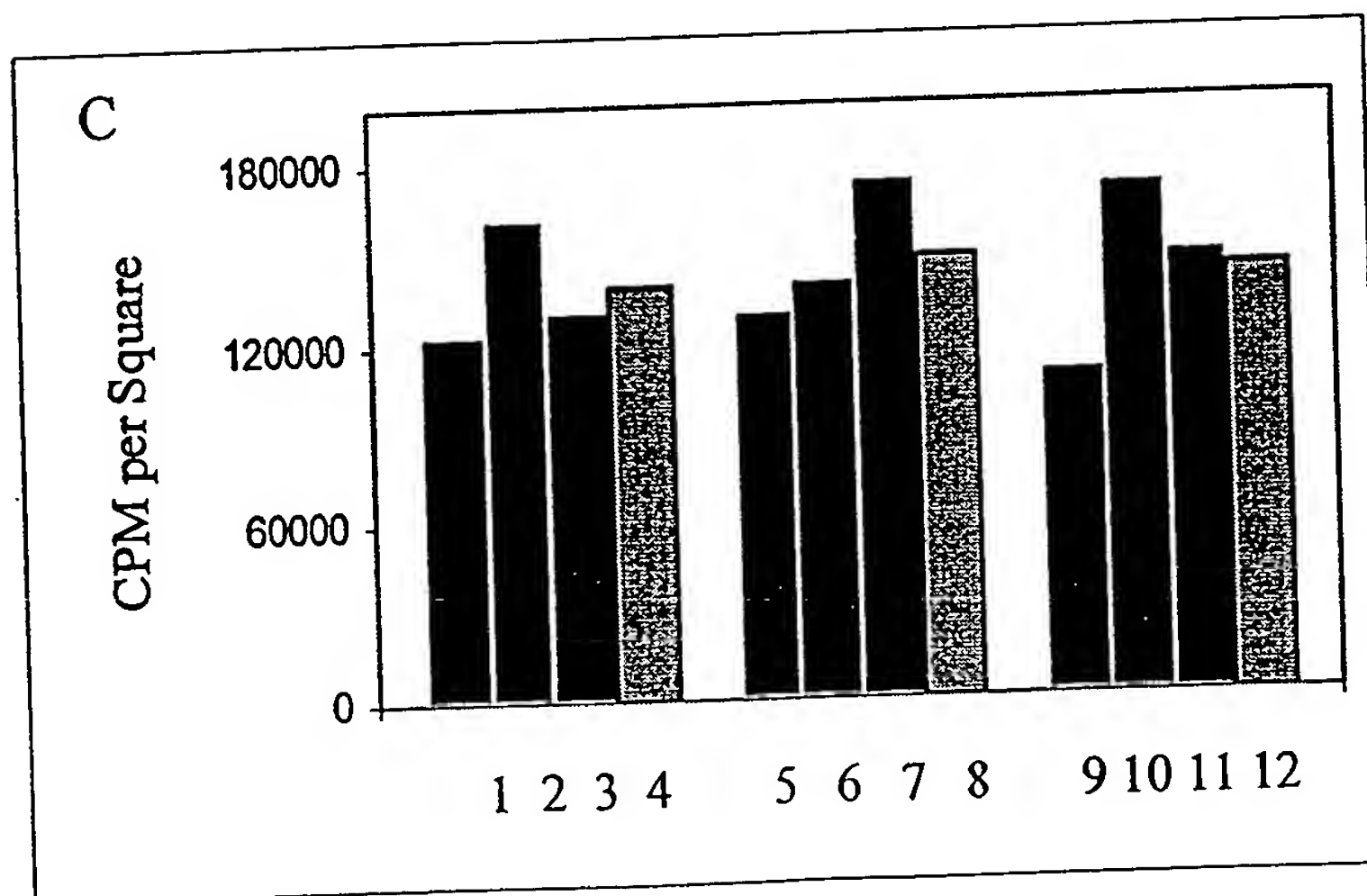


FIG. 7C

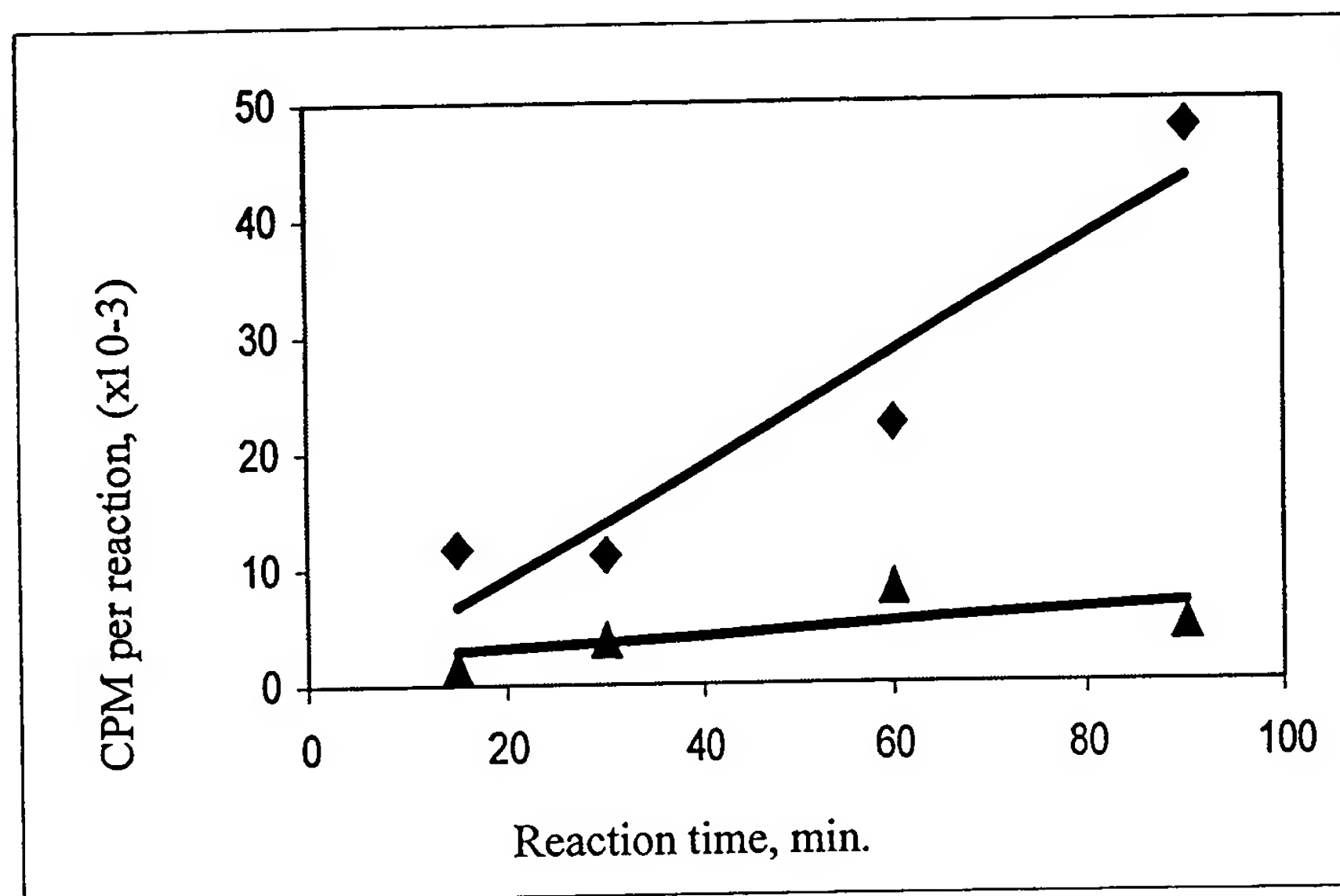


FIG. 8

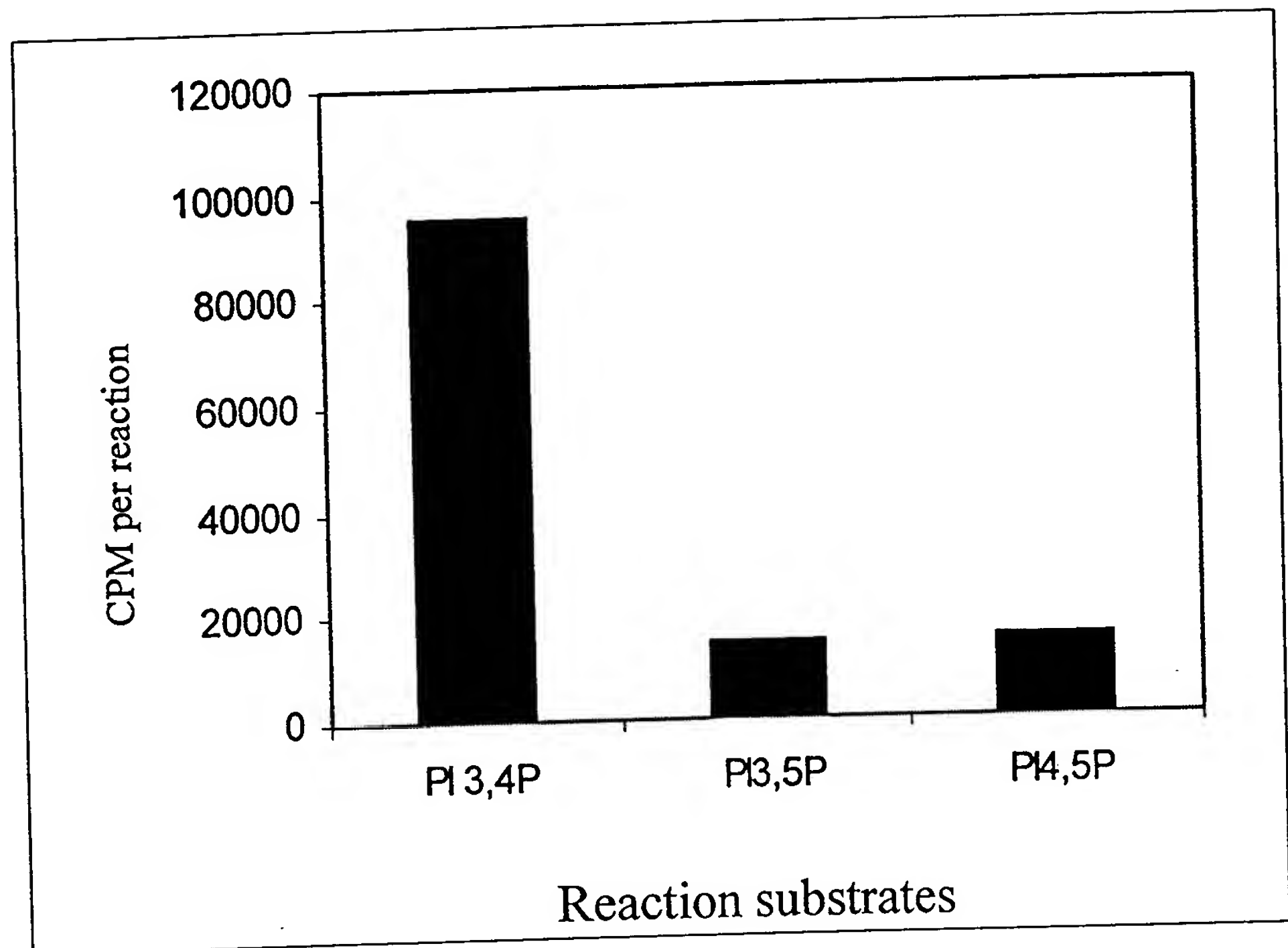


FIG. 9

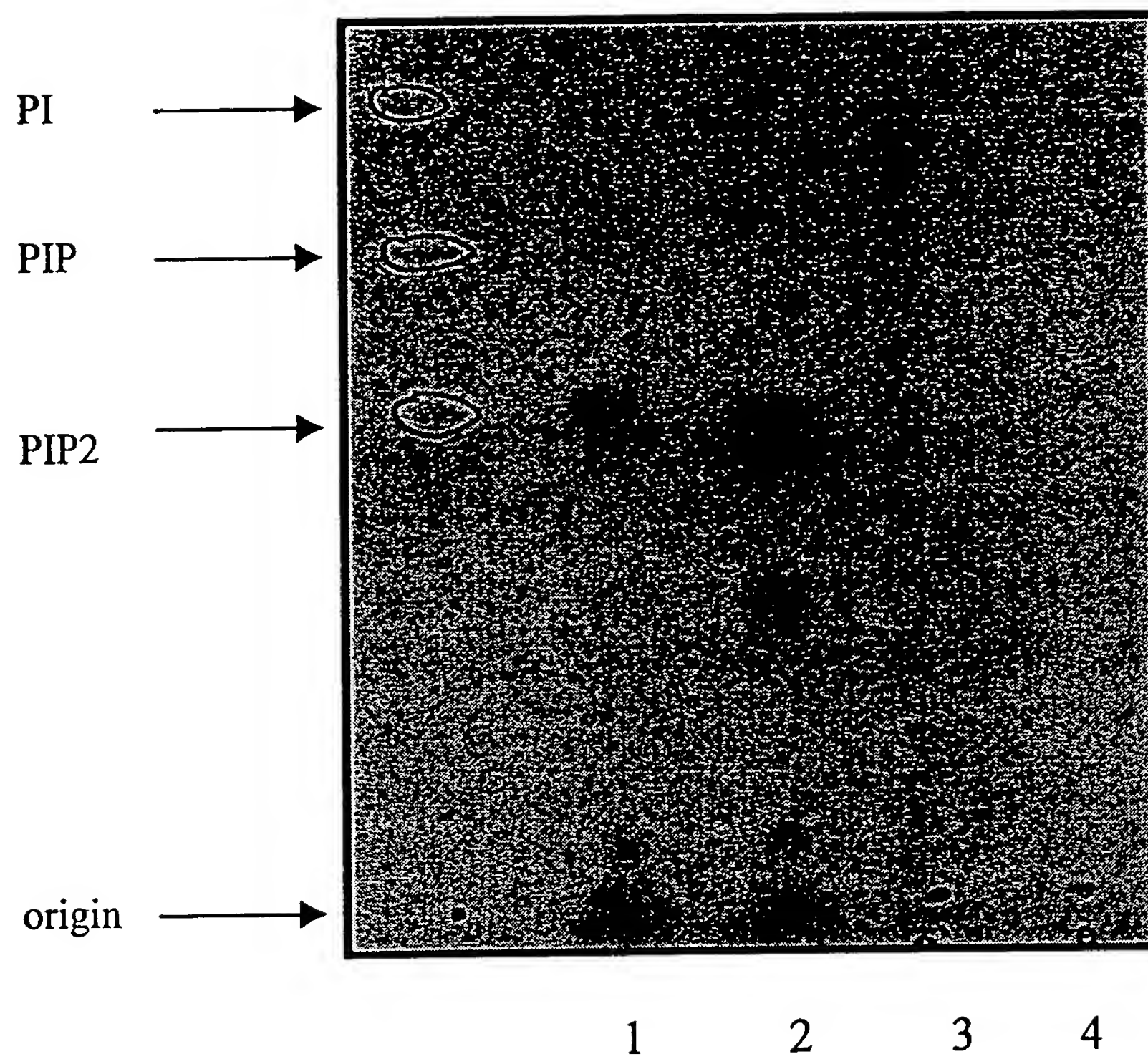


FIG. 10

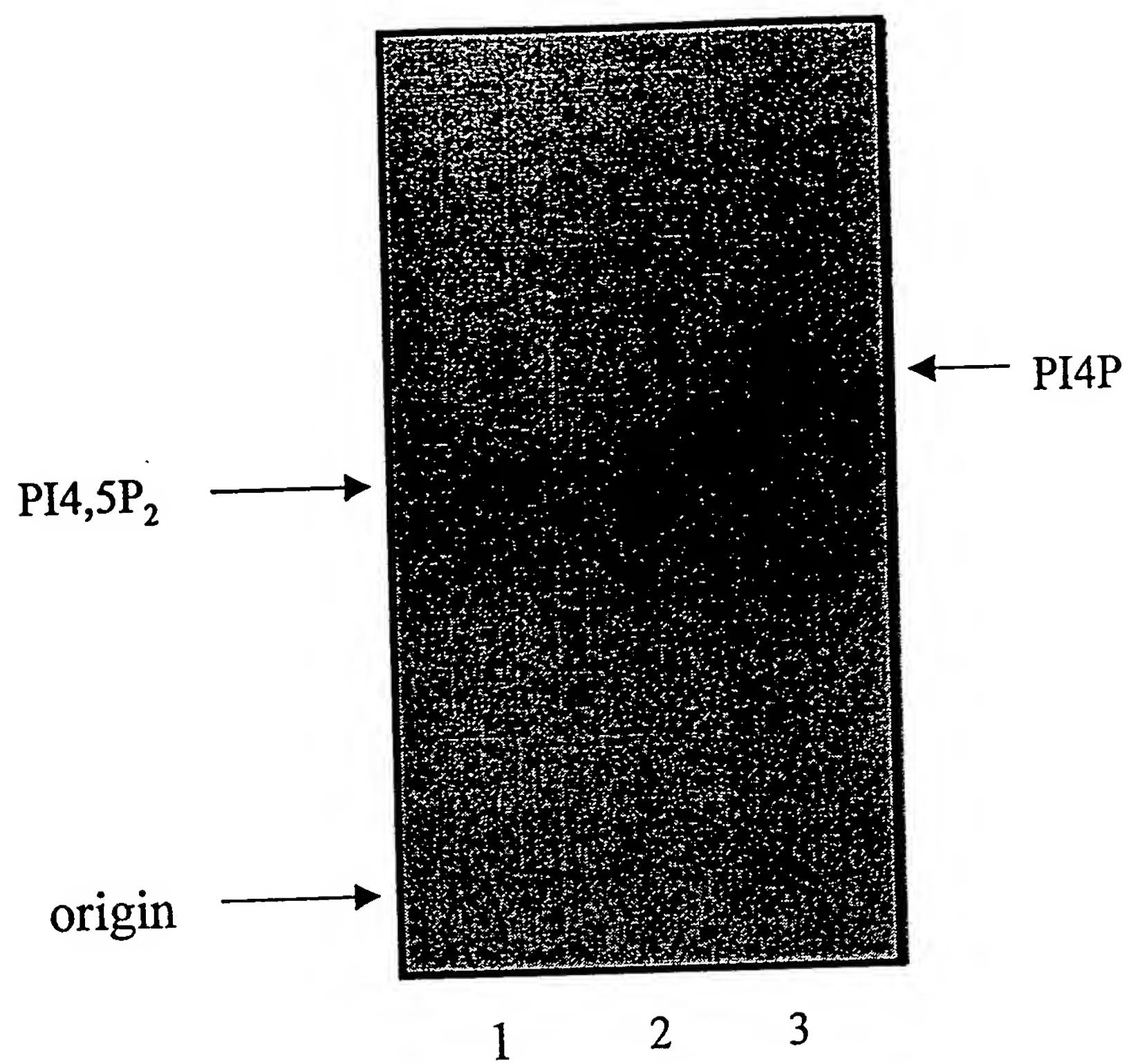


FIG. 11A

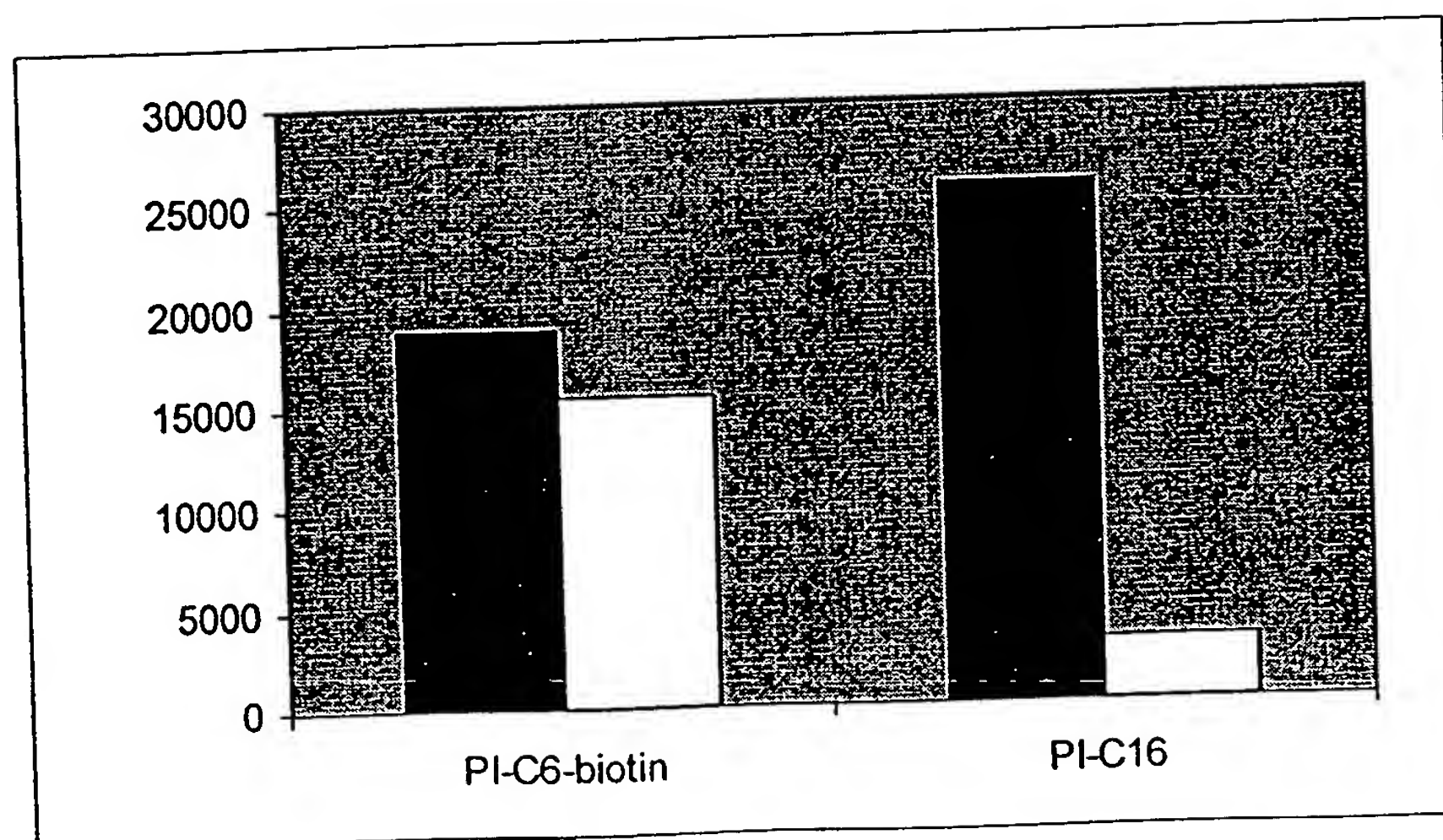


FIG. 11B